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A61K 31/555
- (52) **U.S. Cl.** ..... **514/185**; 540/145; 540/470;  
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The present invention provides a method for the treatment of diseases by the decomposition of peroxyxynitrite, preferably decomposition to benign products, comprising the use of a complex which is a selected ligand structure providing a complexed metal such as Mn, Fe, Ni and V transition metals. The method of use, as well as novel pharmaceutical compositions thereof, are for the treatment of diseases advantageously affected by decomposition of peroxyxynitrite at a rate over the natural background rate of decay of peroxyxynitrite in humans suffering from the disease which comprises administration of an amount of a complex, in dosage unit form, which is effective for such acceleration of the decomposition of peroxyxynitrite.

**22 Claims, 10 Drawing Sheets**

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